

NOAA Fisheries Information System

FY05 Proposal Abstract

Project Title: Redevelopment of Fisheries of the US dataset

Organization: Science and Technology ST/6

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PSG: Systems Design And Integration (SDI)

PSG Objective: Objective 4: Inventory of Existing Data Holdings.

Objective 9: Identify National FIS core data

Abstract: A fishery of the United States is the definitive summary of commercial and recreational landings, and the social and economic impacts of marine resource utilization supported by NOAA Fisheries. The existing database system, which supports it is poorly documented, denormalized, lacking data quality constraints, and does not support sophisticated ad-hoc querying. Redeveloping, documenting and normalizing the database and supporting user interface and data importation applications will provide a well defined approximation of the minimum data set required for the completed FIS project, and demonstrate with immediate impact the general system to both the public and scientific communities.